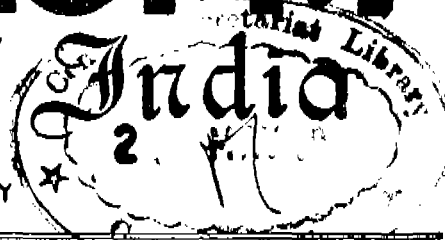




भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं. 51]

नई दिल्ली, शनिवार, दिसम्बर 22, 1973 (पौष 1, 1895)

No. 51] NEW DELHI, SATURDAY, DECEMBER 22, 1973 (PAUSHA 1, 1895)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS & DESIGNS

Calcutta, the 22nd December 1973

Special Notice

The following is the list of holidays to be observed by the Patent Office, Calcutta, during the year 1974 :—

Name of Festival	Day of the week	Date
Id-Uz-Zuha ..	Saturday	5th January
Republic Day ..	Saturday	26th January
Sree Panchami ..	Monday	28th January
Doljatra ..	Friday	8th March
Good Friday ..	Friday	12th April
Budha Purnima ..	Monday	6th May
Independence Day ..	Thursday	15th August
Mahatma Gandhi's Birth Day ..	Wednesday	2nd October
Id-Ul-Fitr ..	Friday	18th October
Durga Puja ..	Wednesday	23rd October
	Thursday	24th October
	Friday	25th October
Lakshmi Puja ..	Wednesday	30th October
Kali Puja ..	Wednesday	13th November
Guru Nanak's Birth Day ..	Friday	29th November
Christmas Day ..	Wednesday	25th December

377 GI/73

CORRIGENDUM

In column 2 page 142 of the Gazette of India, Part III Section 2 dated the 7th April 1973 under the heading "Cessation of Patents",

delete Nos. 96836 and 96837.

Application for Patents filed at the Head Office

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

1st December 1973

2638/Cal/73. Redpath Dorman Long (Contracting) Limited. Marine structure. (1st December 1972).

2639/Cal/73. Texas Instruments Incorporated. Expandable data storage in a calculator system.

2640/Cal/73. International Business Machines Corporation. Improved reel and cartridge for a web wound thereon.

3rd December 1973

2641/Cal/73. Council of Scientific and Industrial Research. A process and an equipment for desulphurisation gasification of high sulphur furnace oil.

2642/Cal/73. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of 1, 3, 3-trimethyl-2 methylene indoline.

2643/Cal/73. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. An arrangement for observing the interior of gas producers operating at elevated pressure.

- 2644/Cal/73. Bata India Limited. Heel roughening machine.
- 2645/Cal/73. Depankar Mukherjee. An optical system for recording and reproduction of sound.

- 2646/Cal/73. Dipenkar Mukherjee. An electro-optical system for analysis, comparison and recognition of printed characters and/or patterns.

4th December 1973

- 2647/Cal/73. ACF Industries Incorporated. Heat responsive safety device for gate valves.
- 2648/Cal/73. United States Atomic Energy Commission. Portable dynamic multistation photometer-fluorometer.
- 2649/Cal/73. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Polyvinyl ester adhesive.
- 2650/Cal/73. Halifax Tool Company Limited. Improvements relating to percussion drill control means. (9th January 1973).
- 2651/Cal/73. G. A. Petzetakis (Minor). Method of manufacturing a tube from thermoplastic material and apparatus for performing this method.

5th December 1973

- 2652/Cal/73. V. G. Ryazanov and V.V. Gusev. Electric machine with built in cooler.
- 2653/Cal/73. Hira Lal Chatterjee. Pistonless lift and force pump.
- 2654/Cal/73. Dunlop Limited. Improvements in or relating to wheel rim assemblies. (6th December 1972).
- 2655/Cal/73. Girling Limited. Improvements in transmission members. (6th December 1972).
- 2656/Cal/73. C. A. V. Limited. Starting aids for combustion engines. (7th December 1972).
- 2657/Cal/73. James Mackie & Sons Limited. Improvements in and relating to looms. (14th December 1972).
- 2658/Cal/73. D. S. O. "Metalurgia I Rudodobiv". Method and apparatus for casting metals and metal alloys.
- 2659/Cal/73. Maschinenfabrik Rieter A. G. Apparatus for separating opened fibre flocks. (3rd January 1973).
- 2660/Cal/73. W. E. Woollenweber. Turbine housing. (6th December 1972).
- 2661/Cal/73. The Mead Corporation. Improved reduction oxidation systems and apparatus. [Divisional date 14th October 1971].

6th December 1973

- 2662/Cal/73. Universal Oil Products Company. Improvements in or relating to vehicles seats. (6th December 1972).

- 2663/Cal/73. Coulter Information Systems, Inc. Method of manufacturing an electrophotographic member and product resulting therefrom. (Addition to No. 1314/73).

- 2664/Cal/73. Imperial Chemical Industries Limited. Alkanolamine derivatives.

- 2665/Cal/73. Luis Sentis Anfruns. Process and machine for producing the toe pieces of socks or stockings. [Divisional date 4th August 1971].

- 2666/Cal/73. Pavena A. G. Working process for an impregnation liquid for continuous treatment of a textile fibre bands. (8th December 1972).

- 2667/Cal/73. Pavena A. G. Process for continuously bonding staple fibres into a stable band and stable band produced according to the aforesaid process. (8th December 1972).

- 2668/Cal/73. Pavena A. G. Process for continuously bonding staple fibres into an essentially non-twisted yarn. (8th December 1972).

- 2669/Cal/73. Pavena A.G. Apparatus for impregnating textile fibres. (2nd February 1973).

7th December 1973

- 2670/Cal/73. Modesto Refrigeration Corporation. Beer dispensing unit.

- 2671/Cal/73. Girling Limited. Improvements in or relating to extensible strut assemblies. (7th December 1972).

- 2672/Cal/73. Girling Limited. Improvements relating to vehicle brakes. (7th December 1972).

- 2673/Cal/73. Simon-Carves Limited. Improvements in or relating to coke ovens. (8th December 1972).

- 2674/Cal/73. Ferodo Limited. Friction disc.

- 2675/Cal/73. Robert Bosch GmbH. Improvements in and relating to governors for internal combustion engines.

- 2676/Cal/73. Sekisui Kaseihin Kogyo Kabushiki Kaisha. Method for producing receptacles from thermoplastic resin foam sheet.

- 2677/Cal/73. The Lubrizol Corporation. Process for preparing phosphorus-containing acids.

- 2678/Cal/73. B. P. S. Chauhan. An energy converter.

- 2679/Cal/73. G. Kabra. An igniting appliance. [Addition to No. 18/Mas/73].

- 2680/Cal/73. A. J. S. Sohal. Gas ejecting device for engines of automobiles.

Application for Patents filed at the Patent Office (Madras Branch)

26th November 1973.

176/Mas/73. P. R. Vijayaraghavan. A device for cooking or sterilising by steam.

27th November 1973.

177/Mas/73. K. Seshadri. Repulsion pendulum motor or magnitron.

178/Mas/73. P. K. Narayan and K. R. Prabhu. Double guide monolithic hand pump.

29th November 1973.

179/Mas/73. P. I. Daniel. Saving petrol in automobiles (IDS petrol saver).

Alteration of date132615. Post dated to 1st July 1972.
135540.

(45/Bom/1972). Ante-dated to 8th February 1971.

Complete Specification accepted

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sanakar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). (Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the patent Office, Calcutta, on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F₁ 32F_{2a} and 32F_{2b}**PROCESS FOR AMINOALKYLATION OF AROMATIC OR AROMATIC-HETEROCYCLIC SECONDARY AMINES****NOVO TERAPEUTISK LABORATORIUM A/S, OF 115, FUGLEBAKKVEJ, COPENHAGEN, DENMARK**

Application No. 85928 filed January 4, 1963, Convention date filed July 6, 1972 (26115/62) U. K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims

Process for aminoalkylation of aromatic or aromatic-heterocyclic secondary amines, characterized by the fact that a compound having the general formula shown in Fig. 1 of the accompanying drawings, in which X stands for two separate hydrogen atoms each being bound to its individual aromatic ring, or

X stands for a covalent bond or an O, S, CH₂, CH₂-CH₂ or CH₁=CH linkage joining the aromatic rings, R¹ means a hydrogen or halogen atom a straight- or branched alkyl group which may be halogen-substituted an acyl group OCR' (in which R' is an alkyl group, preferably with 1 to 3 carbon atoms) or a YR'' group (in which Y is O or S and R'' is an alkyl group preferably with 1 to 6 carbon atoms) and R² has the same meaning as R¹, R¹ and R² being identical or differing from each other, is reacted with a carbonic acid ester having the general formula shown in Fig. 2 of the drawings in which R³ stands for a group of the formula shown in Fig. 3 of the drawings in which A is a primary straight or branched alkylene radical with 2 to 6 carbon atoms and in which the nitrogen atom is in position 2 or 3 of the alkylene chain, and R⁵ is an alkyl group, preferably with 1 to 6 carbon atoms, or the two R⁵ groups together with the nitrogen atom from a heterocyclic ring substituted if desired, and R⁴ has the same meaning as R³ or stands for an alkyl group, preferably with 1 to 6 carbon atoms, and the resultant product having the formula shown in Fig. 4 of the drawings, in which X, A, R¹, R² and R⁵ have the above indicated meanings, is isolated.

CLASS 32F₁.

104132.

A PROCESS FOR THE PREPARATION OF CHLORO DERIVATIVES OF 8-HYDROXY-QUINOLINE.**KARAMCHAND PREMCHAND PRIVATE LIMITED, POST BOX 28, AHMEDABAD, GUJARAT STATE, INDIA.**

Application No. 104132 filed March, 2, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

10 Claims—No drawings.

A process for preparing chlorohydroxyquinoline having the components 5, 7-dichloro-8-hydroxyquinoline and 5-monochloro-8-hydroxyquinoline in varying proportions which comprises chlorinating the suspension of 5-chloro-8-hydroxyquinoline or its acid addition salt in an organic solvent with a chlorinating agent like chlorine, sulfonyl chloride or sulfur monochloride in presence of a dehydrating agent, and more particularly a process for preparing chlorohydroxyquinoline having 5, 7-dichloro-8-hydroxyquinoline, 52-76% by weight, and 5-monochloro-8-hydroxyquinoline, 24-48% by weight which comprises controlled chlorination of a suspension of of 5-chloro-8-hydroxyquinoline or its acid addition salt in an organic solvent with a chlorinating agent like chlorine, sulfonyl chloride or sulfur monochloride in presence of a dehydrating agent.

CLASS 32F_{2b}.

105694

METHOD OF PRODUCING NEW NICOTINIC ACID ESTERS.**AKTIEBOLAGET BOFORS, OF BOFORS, SWEDEN.**

Application No. 105694 filed June, 13 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

2 Claims.

A method of producing the new nicotinic acid ester having the formula A of the accompanying drawings characterized in that nicotinic acid or a functional derivatives thereof is reacted with dihydroxy acetone or a derivative thereof, the reaction being carried out in the presence of a hydroxyloric acid absorbent (a tertiary amine) if the nicotinic acid derivative is the chloride.

CLASS 32C.

106664.

IMPROVEMENTS IN SOLID PHASE SYNTHESIS OF PEPTIDES

E. R. SQUIBB & SONS, INC., 745 FIFTH AVENUE,
NEW YORK,
NEW YORK, UNITED STATES OF AMERICA

Application No. 106664 filed August 17, 1966.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims—No drawings.

In a process for the preparation of a peptide comprising the steps of (1) covalently anchoring the protected C-terminal amino acid of the peptide through an ester bond to an insoluble polymer; (2) removing the amino-protecting group from the protected amino acid thus bonded; (3) acylating the amino group thereby liberated with a protected form of the next amino acid of the peptide chain; and (4) repeating steps (2) and (3) until the desired peptide is obtained, the improvements which comprises utilizing as the insoluble polymer, a hydroxymethyl-substituted polymer.

CLASS 55E4.

111194.

EXTRUSION MOLDING METHOD.
NIPPON SHOKUBAI KAGAKU KOGYO CO.,
LTD., OF NO 1, 5-CHOME, KORAIBASHI,
HIGASHI-KU, OSAKA, JAPAN.

Application No. 111194, filed June 21, 1967.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims.

A method of producing from a kneaded mass tablets molded to a uniform dimension, which comprises disposing a surface which travels while being maintained at a specified distance from an extrusion outlet of an extruder and substantially at right angles to the direction of extrusion, and extruding a kneaded mass from the extruder, causing the distal end of the rodlike mass being extruded from the extrusion outlet to contact said travelling surface, and breaking off said rodlike mass at the rim of the extrusion outlet by the motive force of the travelling surface.

CLASS 32F1.

112137

PROCESS FOR PREPARING 3-INDOLYL ACETIC ACIDS.

MERCK & CO., INC., OF 126 EAST LINCOLN
AVENUE, RAHWAY, NEW JERSEY,
UNITED STATES OF AMERICA.

Application No. 112137 filed August 28, 1967.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims.

A process for preparing a compound of the formula shown in the accompanying drawing, wherein R₅ is methoxy or dimethylamino, which comprises treating the corresponding tri-lower alkyl silyl ester with water.

CLASS 32F3C.

114392.

PROCESS FOR THE PREPARATION OF DIETHERS OF HELVETICOSIDE AND HELVETICOSOL.

C. F. BOEHRINGER & SOEHNE GMBH, OF
MANNHEIM-WALDHOF, FEDERAL
REPUBLIC OF GERMANY.

Application No. 114392 filed February 6, 1968.
Convention date filed December 20, 1967 (57915/
67) U. K.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta

8 Claims.

Process for the preparation of diethers of helveticoside and helveticosol of the general formula I shown in the accompanying drawings, in which R₁ and R₂, which may be the same or different, are alkyl alkenyl or alkynyl radicals containing up to 4 carbon atoms, which can be substituted by alkoxy radicals containing up to 3 carbon atoms, and R₃ is an aldehyde or methylol radical, which may be acylated wherein a compound of the general formula II shown in the drawings, in which R₄ is a hydrogen atom or has the same meaning as R₂, above is reacted with a compound of the general formula Y. R₁, in which R₁ has the same meaning as above and Y is a reactive residue which is easily split off, whereafter the compound obtained, in which R₃ is an aldehyde group, is further reduced in a known manner as herein described to a methylol radical, and may be subsequently acylated in a known manner as herein described to the corresponding acylated methylol compounds.

CLASS 32F2b.

118994

A PROCESS FOR THE PREPARATION OF 2-PIPERAZINO-4-HYDROXYBENZO-(5, 6--) PYRIMIDINES AS ORAL HYPOGLYCEMIC AGENTS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL
RESEARCH, RAFI MARG, NEW DELHI-1,
INDIA.

Application No. 118994 filed December 13,
1968.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

3 Claims—No drawings.

A process for the preparation of 2-piperazino-4-hydroxy benzo-(5, 6--) pyrimidine, which consists in heating 2-alkyl or arylalkyl thio-4-quinazolone with N-benzylpiperazine at 150° C for 5 hours and debenzylating the resulting product by hydrogenation using a suitable catalyst such as palladium black.

CLASS 32F₁, F₂b and 55E₄. 119723

PROCESS FOR THE PREPARATION OF NEW THIONINE DERIVATIVES.

E. GY. T. GYOGYSZERVEGYESZETI GYAR (FORMERLY KNOWN AS EGYESULT GYOGYSZER ES TAPSZERGYAR), OF 32, KERESZTURI UT, BUDAPEST X, HUNGARY.

Application No. 119723 filed February 6, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

3 Claims.

A process for the preparation of thionine derivatives having the formula I shown in the accompanying drawings, wherein R and R¹ represent hydrogen, halogen or methoxy radical, X represents hydroxy or halogen, Y represents hydrogen or a residue of an organic or mineral acid in which a phenothiazine derivative of the formula II shown in the drawings wherein R and R¹ have the meanings as above—is oxidized in a manner such as herein described in the presence of a secondary amine having the formula III shown in the drawings, wherein X has the meanings as above and B represents a hydrogen or halogen atom.

CLASS 40F. 120955

MANUFACTURE OF A PROTEIN-AND VITAMIN-RICH PRODUCT.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 120955 filed April 17, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process for the manufacture of protein-and vitamin in-rich product which consists in separating yeast cells, belonging to the species *Candida lipolytica*, *Condida tropicalis*, *Endomycopsis lipolytica* and *Trichosporon pullulans* from petroleum hydrocarbon fermentation broth by the use of monohydroxy benzene (phenol) as separating agent, treating the separated cells with water and solvents followed by drying.

CLASS 40C and 189. 121299

METHOD OF MAKING RECONSTITUTABLE ALOE GEL IN CRYSTALLINE FORM.

JOSEPH ROGERS MARSH, OF 4190 NORTHEAST 5th. AVENUE, FORT LAUDERDALA, FLORIDA, U. S. A.

Application No. 121299 filed May 12, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

3 Claims—No drawings.

The method of making reconstitutible aloe gel in crystalline form comprising removing the gel from the leaves of an aloe plant, mercerizing the gel in a container, screening or filtering the mer-

cerized gel, placing the screened or filtered gel in containers within a freezing machine, freezing the gel to between 0°C and -120°C, and administering a vacuum to the frozen gel in the containers until anhydrous crystals of the gel are formed in the containers.

CLASS 32F₂b and 55E₄. 125145.

PROCESS FOR THE PREPARATION OF DI-ADENIN PYRIDOXAL PHOSPHATE

SOCIETE D'ETUDES DE PRODUITS CHIMIQUES, OF 16 RUE KIEBER, 92-ISSY-LES-MOULINEAUX, FRANCE.

Application No 125145 filed February 5, 1970.

Convention date February 12, 1969 (7489/69) U. K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

2 Claims.

A process for the preparation of di-adenin pyridoxal phosphate of the structural formula shown in the accompanying drawing or of the alternative formula C₁₈H₂₀ O₆ N₁₁ P. Which comprises reacting in stoicheiometric proportions pyridoxal phosphoric acid with a solution of adenin in water at a temperature of about 70°C.

CLASS 90A and C. 132286

IMPROVEMENTS IN OR RELATING TO TOUGHENED GLASS SHEETS.

TRIPLEX SAFETY GLASS COMPANY LIMITED, OF 1, ALBERMAWLE STREET, PICCADILLY, LONDON W. 1., ENGLAND.

Application No. 132286 filed July 28, 1971.

Convention date filed July 29, 1970 (36749/70) U. K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

21 Claims.

A method of producing a toughened glass sheet of thickness in the range 1.8 mm to 4 mm having a dual fracture characteristic, comprising heating a sheet of glass to a temperature near to its softening point, exposing the surface of the hot glass sheet to gaseous chilling medium and maintaining against the glass surface a rate of flow of the gaseous chilling medium dependent on the glass thickness, which rate is just sufficient to give a selected heat transfer coefficient with respect to the glass in the range bounded by from 0.008 to 0.02 calories. cm⁻². °C⁻¹. sec.⁻¹ for 1.8mm glass and from 0.006 to 0.009 calories. cm⁻². °C⁻¹. sec.⁻¹ for 4 mm glass, thereby producing in the glass of from 260 kg/cm² to 470 kg/cm² for 1.8 mm glass reducing to from 210 kg/cm² to 330 kg/cm² for 4 mm glass.

CLASS 32F₁ and F₂b.

132473.

3 Claims.

PROCESS FOR THE PREPARATION OF TRIA-ZOLOBENZODIAZEPINE 5N-OXIDE DERIVATIVES.

TAKEDA CHEMICAL INDUSTRIES, LTD., OF 27, DOSHOMACHI 2-CHOME, HIGASHI-KU, OSAKA, JAPAN.

Application No. 132473 filed August 11, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

2. Claims

A process for producing a compound of the formula I shown in the accompanying drawings, wherein R₁ means alkyl having up to 6 carbons, R₂ means hydrogen or alkyl having up to 6 carbons and each of the rings A and B has no substituent or has one or more substituents selected from the group consisting of nitro, trifluoromethyl, halogen, lower alkyl and lower alkoxy, which comprises alkylating with an alkylating agent such as herein described, a compound of formula II shown in the drawings, wherein X means hydrogen or alkali metal and other symbols have the meaning as defined above.

CLASS 28E and 85K.

132498

A BURNER APPARATUS FOR BURNING LIGHT COMBUSTIBLE MATERIALS SUCH AS RICE HULLS

ORIAN RICHARD GARDNER, OF 1866-23RD AVENUE, SAN FRANCISCO, CALIFORNIA 94122, UNITED STATES OF AMERICA

Application No. 132498 filed August 13, 1971

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

13 Claims

Burner apparatus for burning light combustible materials such as rice hulls comprising a vertically arranged, cylindrical combustion chamber having an open top, a feed duct extending downwardly through said chamber towards its base, hopper mean for delivering the combustible material into the top of said feed duct, blower means for delivering air to the base of said combustion chamber, and an agitator at the base of said combustion chamber for receiving the combustible material and distributing it about the base of said combustion chamber for intermixing with the air to permit combustion of the material as it moves upwardly through said combustion chamber.

CLASS 205J.

132615

SMALL SPRING TUBE-LESS TYRE.

VISHWA NATH KARAIL, SETH NAND LAL LANE, P.O. SIRSA (HISSAR DISTRICT), HARYANA, INDIA

Application No. 132615 filed August 23, 1971.
Post dated July 7, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

A tubeless spring tyre characterised in that it comprises an inner rim and outer rim joined to each other by a number of radially arranged springs, the space or sector formed between the two such consecutive springs being occupied by another springs in a horizontal manner, this latter spring being joined at one end to one of the radial springs at its base while its other end is joined to the top of the other radial spring.

CLASS 60E, 60 E&F and 155D.

132745

METHOD AND APPARATUS FOR PRODUCING A STIFFENING PLY FOR PARTS OF ARTICLES OF CLOTHING

STOTZ & CO., OF WALCHESTRASSE 15, CH-8006 ZURICH, SWITZERLAND.

Application No. 132745 filed September 1, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims.

Method of producing a stiffening ply for parts of articles of clothing having a varying degree of stiffening effect over its area, characterised in that a thermoplastic substance having a stiffening effect is applied in the form of a powder to a flat support material such as herein described by filling the openings of a stencil provided with opening in screen fashion with powder, transferring the powder to the support material by pressing said material against the stencil and heating the powder simultaneously with or after the application thereof at least until it softens.

CLASS 143D₃ and D₅.

132842

A METHOD OF WRAPPING PACKAGES AND AN ASSEMBLY FOR FEEDING WEB MATERIALS FOR WRAPPING PACKAGES

SCANDIA PACKAGING MACHINERY COMPANY, OF 500 BELLEVILLE TURNPIKE, NORTH ARLINGTON, NEW JERSEY 07032, UNITED STATES OF AMERICA

Application No. 132842 filed September 8, 1971

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

12 Claims

A method of wrapping packages including the steps of moving a continuous web of thin, flimsy material along a predetermined path to a package wrapping work station, cutting a length of material from the web, and wrapping the package with the length of material characterized in that (a) the moving step includes forming continuous, uncreased folds in the web wherein the thin, flimsy material is doubled upon itself at laterally displaced locations across the width of the web to produce longitudinal pleats in the web while it moves along said path, and (b) said pleats being effective to stiffen the material without causing a transverse stress therein thereby forming nonpermanent pleats and enhancing its capacity to be fed to the operational package wrapping work station.

CLASS 139D and E. 133124
METHOD FOR CATALYTIC DECOMPOSITION
OF AMMONIA

HALDOR FREDERIK AXEL TOPSOE, OF
FRYDENLUNDSVEJ, VEDBAEK, DENMARK

Application No. 133124 filed October 5, 1971.

Convention date October 5, 1970 (47247/70)U.K.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

5 Claims

A process for a catalytic decomposition of ammonia, in which the decomposition is carried out in at least two steps, each being at the pressure between 20 and 300 atmospheres, the temperature in the first step being 450-800°C, using a catalyst such as herein described, resistant to nitridification within said temperature range, and the temperature in the second step being 450-600°C.

CLASS 33H and 205F and K. 133128

STEEL FIBER CASTING AND ELASTOMER ARTICLE REINFORCED WITH SAID STEEL FIBER CASTING

MONSANTO COMPANY, 800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI, 63166, UNITED STATES OF AMERICA

Application No. 133128 filed October 5, 1971.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims.

A cast steel fiber characterized in that said steel fibre has a cross-sectional diameter of less than about 254 microns contains from 0.10% to 1.5% carbon and from 0.3% to 3.0% of aluminum, beryllium, thorium, zirconium or yttrium and has an ultimate tensile strength of at least 14,000 kgm/cm².

CLASS 42C. 133191

TOBACCO SMOKE FILTER ELEMENT

EASTMAN KODAK COMPANY, 343 STATE STREET, ROCHESTER, NEW YORK, 14650, UNITED STATES OF AMERICA.

Application No. 133191 filed October 11, 1971.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

17 Claims

Tobacco smoke filter element adapted to be used with an outer wrap, said element comprising a porous filter body having an outer side wall and end walls which is formed such that tobacco smoke flows generally axially through the filter body from one end wall to the other end wall, characterised in that said filter body defines first and second indentations, said indentations extending from the surface of said wall into said body, said indentations being arranged so that upon drawing smoke into the filter element a pressure differential is created between the first indentation and second

indentation to cause a portion of the smoke to flow at a reduced velocity generally diagonally through the filter element from the area of one indentation toward the other indentation.

CLASS 119B. 133324

HOLDER FOR A LOOM REED

RUTI MACHINERY WORKS LTD, FORMERLY CASPAR HONEGGER, OF 8630 RUTI, ZURICH, SWITZERLAND.

Application No. 133324 filed October 22, 1971.

Appropriate office for opposition proceedings
Rule 4, Patents Rules 1972) Patent Office, Calcutta.

12 Claims.

Loom reed holding device comprising a pivotable carrier to which the reed is secured and by which it is supported, characterized in that the carrier is rotatably mounted on a shaft which is carried by reciprocable sley supports and in that the reed is rotatable away from a predetermined weft beat-up position by rotation of the carrier on the shaft against a continuous bias, this bias urging the reed towards the prescribed weft beat-up position and that support is provided for holding the carrier fast in the forward position of the sley.

CLASS 143D₄ and D₅. 133424

PROTECTIVE CONTAINERS AND METHODS OF MAKING THE SAME.

SEALED AIR CORPORATION, OF 19-01 STATE HIGHWAY 208, FAIR LAWN, NEW JERSEY 07410, UNITED STATES OF AMERICA.

Application No. 133424 filed October 30, 1971.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

11 Claims.

A protective container comprising an outer covering folded upon itself to form two layers disposed in overlaying relationship, a sheet of cellular material adhered to the inner facing surfaces of said outer covering, said cellular material having a first plastic sheet including a plurality of closely spaced embossments extending from one side thereof and a second plastic sheet secured to the other side of said first sheet, at least two marginal hermetically sealed edge zones and at least one open edge zone, the cellular material disposed within said marginal hermetically sealed edge zones and said open edge zone being crushed to collapse the cells in said cellular material and said hermetically sealed edge zones being folded and sealed to the adjoining surfaces of the container whereby said hermetically sealed edge zones impart a relatively high degree of stiffness to said container and thereby enhance the protective qualities thereof.

CLASS 40C and 72B. 133434
AN AQUEOUS SLURRY EXPLOSIVE COMPOSITION AND PROCESS FOR PREPARING SUCH COMPOSITIONS.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, S. W. 1., ENGLAND.

Application No. 133434 filed November 1, 1971.

Convention date filed November 30, 1970 (56693/70) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

18 Claims—No drawings

An aqueous slurry explosive composition comprising at least one oxygen-supplying inorganic salt, water, and, as thickener, a Xanthomonas hydrophilic colloid cross-linked with an oxide of an element in a pentavalent or hexavalent state, or an acid produced from the said oxide or an alkali metal salt of the said acid, in which acid or salt the said element is present in a pentavalent or hexavalent state, the acid produced from the said oxide having a dissociation constant $K_a \leq 1.0$ in 0.1 to 0.01 N aqueous solution and a fuel as herein defined.

CLASS 83A₁. 133542
FOOD PRODUCTS.

UNILEVER LIMITED, OF UNILEVER HOUSE, BLACKFRIARS, LONDON, E. C. 4, ENGLAND.

Application No. 133542 filed November 9, 1971

Convention date filed November 16, 1970 (54398/70) U. K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims—No drawings

A method of making a food product having a texture resembling that of natural fruit, being a firm gel comprising fruit material incorporating the edible water insoluble solids of structurally degraded fruit distributed in a matrix of calcium alginate or low methoxy pectate, in which a mixture is prepared of an alginate or low methoxy pectate sol and a calcium compound having insufficient free calcium ions to gel the sol and the mixture is rapidly mixed with an agent capable of releasing calcium ions from the calcium compound, the fruit material being present either in the mixture of alginate or low methoxy pectate sol with the calcium compound or together with the agent capable of releasing calcium ion from the calcium compound, and allowing the total mixture to gel by the action of the calcium ions thus liberated.

CLASS 148D and L. 133551.
COLOUR PHOTOGRAPHIC MULTI-LAYER MATERIAL, CONTAINING SILVER HALIDE, FOR THE COLOUR DEVELOPMENT PROCESS.

VEB FILMFABRIK WOLFEN, OF 444 WOLFEN 1, EAST GERMANY.

Application No. 133551 filed November 9, 1971.

Convention date filed July 28, 1971 (35503/71) U.K

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patents Office, Calcutta.

4 Claims.

A colour photographic multi-layer material containing a silver halide, one layer of which material comprises a red-sensitive emulsion containing at least one orange to purple coloured masking coupler of the general formula I shown in the accompanying drawings wherein R_1 represents an N-methyl-N-octadecyl-amino group or an octadecoxy group, in either of which groups the octadecyl moiety may be a straight-chain or a branched-chain; R_2 represents a sulpho group or a carboxy group; R_3 represents a hydrogen atom, a chlorine atom, a methyl group, a methoxy group, or an N, N-dimethyl-amino group; and R_4 and R_5 , which may be the same or different, each represents a hydrogen atom, a straight-chain or branched chain alkyl group, an unsubstituted or substituted aryl group or an unsubstituted or substituted aralkylene group.

CLASS 66B and 112F. 133717

IMPROVED REFLECTOR PARTICULARLY FOR FLASHLIGHT TORCHES.

UNION CARBIDE INDIA LIMITED, OF 1, MIDDLETON STREET, CALCUTTA 16, WEST BENGAL, INDIA.

Application No. 133717 filed November 24, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

8 Claims.

A reflector, particularly for flash light torches, which is parabolic in shape being characterised in that its parabolic reflecting face comprises a plurality or multiplicity of reflecting surfaces periphery whereof is polygonal e.g. hexagonal, further characterised in that said plurality of reflecting surfaces are uniformly disposed throughout said parabolic reflecting face.

76B and 129G. 133843

IMPROVEMENTS IN A CLAMPING OF PARTS BY ADHERENCE ON AXIAL THRUST SUPPORT.

REGIE NATIONALE DES USINES RENAULT, OF 8/10, AVENUE EMILE ZOLA, BILLANCOURT (HAUTS DE SEINE) FRANCE, AND AUTOMOBILES PEUGEOT, OF 75, AVENUE DE LA GRANDE ARMEE, PARIS, FRANCE.

Application No. 133843 filed December 3, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

15 Claims.

A clamping device for pieces to be machined adapted for the initial entering and indexing of the work-piece, such as a piston, characterized in that comprises:

—a receiving member adapted for firstly supporting the head of the workpiece;

retractable fingers positioned of said receiving member for initially indexing said workpiece;

fixed support members positioned on said receiving member for supporting said workpiece;

a retractable centering element surrounding said receiving member for initially centering said workpiece and adapted to be retracted away from the workpiece during the machining operation;

an oscillating thrust rod free of rotation about its own axis and elastically coupled to a thrust body, said oscillating thrust rod supporting said workpiece on the head of the workpiece opposite to its front supporting face on said receiving member, and

indexing fingers rigidly fixed to said thrust body and supported for annular abutment on the bosses of the axial holes of a piston for initial indexing and adapted for retractable movement along with said thrust body whereby said indexing fingers do not engage said workpiece during the machining operation.

CLASS 42A₂. 133882

A METHOD OF MANUFACTURING ANTI-BACTERIAL TOBACCO SMOKE FILTERS.

MITSUBISHI ACETATE COMPANY LIMITED,
OF 8, KYOBASHI 2-CHOME, CHUO-KU, TOKYO,
JAPAN.

Application No. 133882 filed December 8, 1971.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims - No drawings.

A method of manufacturing anti-bacterial tobacco smoke filters, which comprises lubricating cellulose acetate filament tows with an aqueous emulsion of 1 to 40% by weight of a lubricant composition containing, (A) 10 to 40 parts by weight of at least one anti-bacterial compound selected from the group consisting of (a) polyethylene glycol branched fatty alcohol ethers wherein the polyethylene glycol residue consists of 5 to 40 mols of ethylene oxide and the branched fatty alcohol residue has 8 to 22 carbon atoms and (b) polyethylene glycol branched fatty acid esters wherein the polyethylene glycol residue consists of 10 to 40 mols of ethylene oxide and the branched fatty acid residue has 8 to 22 carbon atoms; (B) 10 to 30 parts by weight of at least one compound selected from the group consisting of (a) polyethylene glycol fatty acid saccharose ester ethers wherein the polyethylene glycol residue consists of 5 to 40 mols of ethylene oxide and the fatty acid residue has 8 to 22 carbon atoms, (b) polyglycerine fatty acid esters wherein the polyglycerine residue has a degree of polymerization of 2 to 3 and the fatty acid residue has 8 to 22 carbon atoms and (c) sorbitan fatty acid esters wherein the fatty acid residue has 8 to 22 carbon atoms; and (C) 50 to 70 parts by weight of at least one edible oil selected from the group consisting of mineral oils and vegetable oils and forming the lubricated filament tows into tobacco smoke filter tips by a conventional method wherein the lubricated

filament tow is compressed to form a rod, wrapped therearound with paper and cut to form tips.

CLASS 39G. 133920

PROCESS FOR THE PREPARATION OF ALUMINIUM TRIFLUORIDE OR CRYOLITE.

BAYER AKTIENGESELLSCHAFT, FORMERLY
KNOWN AS FARBENFABRIKEN BAYER
AKTIENGESELLSCHAFT, OF LEVERKUSEN,
FEDERAL REPUBLIC OF GERMANY.

Application No. 133920 filed December 11, 1971.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims.

A process for the preparation of aluminium trifluoride or cryolite which comprises reacting hydrogen fluoride or ammonium fluoride or an alkali metal fluoride with an aluminium oxide which has a residual water content of from 2% to 15% by weight, a specific surface according to BET of at least 250 m²/g and a water absorption capacity at 50% relative humidity of more than 10%, which reaction takes place at a temperature of 20 °C to 7000 °C

CLASS 208 133992

PROCESS OF MAKING PENCILS

SHRI UTTAMBHAI SAMBHU PATIL, OF S.A.
MISSION HIGH SCHOOL, NANDUBAR, DISTT.
DHULIA, MAHARASHTRA, INDIA

Application No. 133992 filed December 17, 1971

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Bombay
Branch.

10 Claims: No drawings.

Process of making pencils from jawar or like stalk material comprising :

(a) cutting the jawar or like stalk material to required length as herein described; (b) piercing a hole through the said jawar or like stalk material as herein described; (c) hardening (or densing) the core of said stalk material as herein described; and (d) forcing the writing material such as graphite or crayon through the said hole.

CLASS 19B₂ and B3 134160

LOCKER NUT.

SUDHA GOEL, B-6, OFFICERS' COLONY
BULLANDSHAHR (U.P.) INDIA

Application No. 134160 filed January 1, 1972.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta)

2 Claims.

A locker nut comprising a nut-body and a coil spring housed inside the said nut-body, a dog projecting from the nut body for contacting trailing end of the spring so that when the locker nut is screwed on to a bolt or rod with matching threads

the dog pushes forward the trailing end of the spring—thus slightly loosening up the spring and rotating it forward along the threads and in this manner the locker nut can be screwed on, but in unscrewing motion when the nut body is long enough, the dog recedes away from the spring due to grip of the spring on the bolt and thus the locker nut becomes free in unscrewing motion; or when the nut body is not long enough, the dog jams against trailing side of the spring and thus the locker nut gets jammed in unscrewing motion.

CLASS 64B₁

134196

MINIATURE CONNECTOR-MODULAR

BUNKER RAMO CORPORATION, OF 900 COMMERCE DRIVE, OAK BROOK, ILLINOIS, UNITED STATES OF AMERICA.

Application No. 134196 filed January 5, 1972

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972) Patent Office, Calcutta

4 Claims.

A miniature connector comprising, a pair of elongated connector assemblies movable in connecting direction to interfitted position, each connector assembly having a shell envelope including a back plate and a front shell with longitudinally extending and flanges for securing them together, and with a space between the back plate and front shell at a position between the end flanges, of significant dimension in said connecting direction, the front shell having a tubular portion extending in connecting direction, insert means in the shell envelope including a plurality of modules disposed in end-to-end relation together extending at least nearly the longitudinal extent of the tubular portion, the modules having base portions disposed in said space between the back plate and front shell and extending laterally beyond the tubular portion, and having body portions extending into the tubular portion, the modules having aligned grooves in the base portions receiving the adjacent edges of the tubular portion and the later serving to confine the modules against transverse displacement, said edges of the tubular portion and the back plate clamping the modules therebetween, and the modules in the two connector assemblies being adapted for mounting therein of pin contacts and socket contacts respectively, and being of such pattern of distribution of the contacts that the contacts in the mating modules are respectively aligned in the position of the connector assemblies when interfitted.

CLASS 163B₂ and 120C₁

134237

GEARING AND LUBRICATING MEANS THEREOF

SRINIVASAN MANI, GROUND FLOOR, 130/B, JODHPUR PARK, CALCUTTA-31, STATE OF WEST BENGAL, INDIA

Application No. 134237 filed January 10, 1972

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972) Patent Office, Calcutta

13 Claims.

Gearing, including at least two meshing rotors of toothed or lobed form whose shafts are mounted in bushes there requiring lubrication, wherein grooving is formed in the bore of each bush which is in communication with a side face of its respective rotor in a zone located at a position where, as the rotor teeth or lobes successively pass it, the spaces between the meshing teeth or lobes are increasing in volume, the consequent suction created by the increase in volume inducing liquid to flow through the grooving in the bushes, thus to lubricate the shafts as they run in the bushes.

CLASS 163B₂ and 120C₁

134238.

GEARING AND LUBRICATING MEANS THEREFOR

SRINIVASAN MANI, GROUND FLOOR, 130/B, JODHPUR PARK, CALCUTTA-31, STATE OF WEST BENGAL, INDIA

Application No. 134238 filed January 10, 1972

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972) Patent Office, Calcutta

12 Claims.

Gearing including at least two meshing rotors of toothed or lobed form having shafts supported for rotation in bores in bush means at least at one side of the rotors, grooving in the cylindrical wall of each bore and passageway means through the bush means having one end communicable with a source of liquid, the end of the grooving in the wall of a bore which is remote from the rotors being in communication with the other end of the passageway means and the other end of that grooving being in communication with a zone of the rotors where, in operation of the gearing, a tooth or lobe of a rotor is coming out of meshing engagement with adjacent teeth or lobes of the other rotor and the inter-tooth or inter-lobe space is increasing in volume and induces a flow of liquid from said source by way of the passageway means and then the grooving, whereby the shaft associated with the bore having that grooving is lubricated.

CLASS 156C, E and F.

134413

IMPROVEMENTS IN OR RELATING TO PUMPING UNIT FOR FLUIDS.

SAMA NAIDU PALANISWAMY MANAGING DIRECTOR, BLUEMOUNT SWITCHGEARS ASSOCIATES (P) LTD., 149, PATEL ROAD, COIMBATORE-9, TAMIL NADU, INDIA

Application No. 134413 filed January 28, 1972.

Appropriate office for opposition proceedings
(Rules 4, Patents Rules 1972) Patent Office, Madras Branch

13 Claims

A pumping unit adapted to float on a fluid, comprising a prime mover, pump, and a float, the prime-mover being on the top side of the float to be above the level of the fluid, and the pump being on the bottom side of the float to remain submerged in the fluid level.

CLASS 5A and E

134492

AGRICULTURAL IMPLEMENT

H. VISSERS N.V., OF 1278, HOOFDWEG, NIEUW-
VENNEP, THE NETHERLANDS

Application No. 134492 filed February 3, 1972

Appropriate office for opposition proceedings
(Rule 4, Patent Rules 1972) Patent Office, Calcutta

4 Claims

Agricultural implement, e.g. fertilizer spreader or harrow, at least comprising a frame to be attached to a vehicle, e.g. agricultural tractor, at least one tool, e.g. spreading nozzle or harrow beam, carried by the frame and oscillatingly moving with respect to the frame, and a driving elements rotating about an axis of rotation and driving the tool via a fork, wherein a stalk of the fork is beared rotatably in the driving element outside the axis of rotation and wherein teeth of the fork are beared hingeably about a hinge axis to the tool, characterised in that the fork is beared in a bearing bush removably attached to the driving element and the driving element comprises a recess for letting through the stalk of the the fork with removed bearing bush, said fork hinging about the hinge axis.

CLASS A, 34A+B+C+D, 62D, 145E₂ and E₃, 134688AMORPHIZATION OF CELLULOSIC MATERIAL AHMEDABAD TEXTILE INDUSTRY'S
RESEARCH ASSOCIATION; OF 1860; P.O.
POLYTECHNIC, AHMEDABAD-15, GUJARAT
INDIA.

Application No. 134688 filed February 21, 1972

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Bombay
Branch

12 Claims—No drawings.

A method of treating cellulosic material so as to make the cellulosic substrate amorphous and more reactive to subsequent chemical treatments such as dyeing esterification, etherification, grafting and cross linking, and to improve its mechanical properties comprising swelling the material by treating it with aqueous or alcoholic alkali solutions, removing the excess alkali and water or alcohol from the swollen material by e.g. squeezing, mangling centrifuging or drying, treating the resulting alkali cellulose with an acylating agent to neutralize the swollen cellulose substrate and effect partial acylation of the cellulose and removing the unreacted acylating agent.

CLASS 85L.

134709

BURNER FOR INCINERATOR

THE AIR PREHEATER COMPANY, INC. OF
ANDOVER ROAD, WELLSVILLE, NEW YORK,
UNITED STATES OF AMERICA

Application No. 134709 filed February 22, 1972

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

11 Claims

A burner system for an incinerator comprising a burner housing, a fuel supply conduit connected to said housing for the supply of fuel thereto, a source of air via line (28) connected to said burner housing to supply air for combustion thereto, a mixing device for the fuel and air to provide a combustible mixture to be supplied to said burner housing, a pilot burner for igniting the mixture of fuel and air to produce a flame, a branch chamber at the said of said housing, a thermocouple in said branch chamber subjected to the temperature of the burning fuel and air in the pilot burner, valve means in the fuel supply conduit adapted to regulate the flow of fuel to the burner, means responsive to said thermocouple controlling the valve in the fuel supplyline, and an air supply duct connecting the branch chamber to the source of air whereby the thermocouple therein may be continuously bathed in a cool air stream blowing from said source.

CLASS 64B₃

134771

AN IMPROVED ELECTRIC PLUG

DES RAJ AGGARWAL, 20/42, WEST PATEL
NAGAR, DELHI-8, (INDIA)

Application No. 134771 filed February 28, 1972

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta

9 Claims

An improved plug for use with electrical appliance characterised in that it includes a main terminal housing, a top cover for the said housing and a cable locking nozzle at one side thereof, the said cable locking nozzle being provided with a head having a knurled surface, a threaded shank and a hole having a varying diameter within the shank.

CLASS 72C₃

134868

DEVICE FOR SEPARATING LINT FROM NON-
LINT IN TEXTILE FIBRESTHE TEXTILE APPLIANCES & INSTRUMENTS
COMPANY PRIVATE LIMITED, OF 81, ALKA-
PURI, BARODA, GUJARAT, INDIA

Application No. 134868 filed March 8, 1972

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Bombay
Branch.

14 Claims

An apparatus for separating lint from non-lint in textile fibres comprising means for uniformly opening and spreading a load of textile fibres, optionally a measured load of the fibres, said means preferably consisting of a nosed feed plate and a fluted roller with flutes of involute shape to enable the fibres to be well gripped between the two; a wire mounted cleaning cylinder adapted to rotate between a plurality of grid bars running along the effective width of the cylinder and being adjustably spaced therefrom; a pair of wire mounted feed rollers located diametrically across said

cylinder one on top side and the other on bottom side; the top or first feed roller adapted to take up opened and spread fibres from the feed plate and including means to loosen and/or comb and feed same to first half of said cylinder; the bottom or second feed roller adapted to take up substantially cleaned fibre at the end of the first half of said cylinder and to feed it to the second half thereof; a V-shaped deflector opposite said first half of the cylinder to direct lint that gets separated from the cylinder to be thrown back on the cylinder; a trash box below said second feed roller; a casing for the cylinder; deflector, second feed roller and partially the first feed roller; opening(s) in the side of said casing, obtained e.g. by use of a screen, for air-current to buoy up any lint falling along with trash and direct same to said cylinder or to said second feed roller; a passage between the top wall of said casing and top portion of the cylinder at the end of the last grid, said passage leading from close to the cylinder into a lint delivery box and means to create suction in said passage to suck in the lint from the top portion of the cylinder at the end of its run.

CLASS 32F₁ 134894.

PROCESS FOR PREPARING 7-CHLORO-1-METHYL-5-PHENYL-2, 3-DIHYDRO-1H-1, 4-BENZODIAZEPINE-2-ONE

KAKA TOVARNA ZDRAVIL, OF CESTA KOMANDANTA STANETA 19, NOVO MESTO, YUGOSLAVIA

Application No. 134894 filed March 9, 1972

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

3 Claims

Process for preparing 7-chloro-1-methyl-5-phenyl 2, 3-dihydro-1H-1, 4-benzodiazepine-2-one of the formula I shown in the accompanying drawings, characterised in that 2-(2-halo-N-methyl-acetamido)-5-chlorobenzophenone of the general formula II shown in the drawings, wherein R represents a chlorine or bromine atom, is cyclised with dinitrosopentamethylene tetramine of the formula III shown in the drawings.

CLASS 21B. 135067

DETACHABLE SOLES FOR FOOTWEAR.

CLAUDE-ROGER ISMAN, 4, RUE LAMB-LARDIE, 75-PARIS 12⁰, FRANCE.

Application No. 135067 filed March 27, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims.

An article of footwear, the sole of said article having at least two parts which are connected to one another and which define between them a continuous free space the width of which corresponds to the thickness of an upper which is entered into or which passes through said space and is held in position by the inter-engagement between the sole parts, the upper being held in position in said space without the necessity of providing apertures therethrough.

L ASS 205B and G. 135164.

TIRE BEAD SEALING AND SEATING DEVICE
GULDE INC., OF 1000 INTERNATIONAL
TOWER BUILDING, 8550 WEST BRYN

MAWR AVENUE, CHICAGO, ILLINOIS
60631, UNITED STATES OF AMERICA.

Application No. 135164 filed April 4, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims.

A device for seating the beads of a tubeless tire against the rims of a wheel, comprising, a first cylindrical member, first sealing means connected to said first cylindrical member for engaging a rim of said wheel; a second cylindrical member, second sealing means connected to said second cylindrical member for engaging a side wall of said tubeless tire; flexible means connecting said first and second cylindrical members together with the first cylindrical member within and axially aligned with said second cylindrical member; said first and second cylindrical members and said flexible means together with said wheel and said tire forming a substantially air tight chamber when said first and said second sealing means are in engagement with said wheel rim and said tire side wall, respectively, and said flexible means permitting axial movement of said second cylindrical member in respect to said first cylindrical member as air is admitted to said chamber to inflate said tire.

CLASS 154-I. 135263

**IMPROVEMENT IN OR RELATING TO
PRINTING TYPES.**

KANDATHIL ABRAHAM CHACKO, AT 84,
SEETHAMMA EXTENSION, MADRAS-18,
TAMIL NADU, INDIA.

Application No. 135263 filed April 12, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch

4 Claims

An improved printing type characterised in that its face portion and the body portion are manufactured with two different materials, the face portion being in brass or some other harder material and the body portion being in some soft metal like lead or type metal.

CLASS 32F₁, F_{2a} and F_{2b}. 135540.

**PROCESS FOR THE MANUFACTURE OF
AMINES.**

CIBA OF INDIA LIMITED, OF AAREY ROAD,
GOREGAON EAST, BOMBAY-63,
MAHARASHTRA STATE, INDIA.

Application No. 45/Bom/1972 filed October 9, 1972.

Division of Application No. 130211 filed February 8, 1971.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Bombay
Branch.

6 Claims.

A process for the manufacture of amines of the formula shown in Fig. 1 of the accompanying drawings, in which A is an aryl radical, X is a hydroxyl group which may be esterified or etherified, and R and R₁ each represents a hydrocarbon radical which may be substituted and/or interrupted by a hetero-atom, and which may together form an alkylene chain, wherein a cyclic arylamine of the formula shown in Fig. 2 of the drawings, is reacted with a primary or secondary amine of the formula HNRR₁ in which R and R₁ are as defined above and the resulting compound containing an N, β-hydroxyethyl group is subsequently etherified or esterified in a known manner as herein described if desired.

CLASS 62D and E. 135541

MACHINE FOR CONTINUOUS TREATMENTS OF TEXTILE FABRIC.

MANUDHANE RAM NARAYAN, OF NAYA-
BUNGALOW, S. V. ROAD, BORIVLI, BOMBAY-
92, MAHARASHTRA, INDIA.

Application No. 24/1972 filed April 22, 1972.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Bombay
Branch.

11 Claims.

A machine for carrying out continuous treatment of textile fabric, e.g. for chemical treatment and washing simultaneously, comprising at least one main chamber in the form of a J-box open at both ends, and at least one set of a plurality of segmented J-boxes, each open at both ends, disposed adjacent each other so that either said segmented J-boxes are disposed above the main J-box, or the main J-box is disposed above said segmented J-boxes, one of the open ends of said main J-box or that of one of said segmented J-boxes being adapted to receive the fabric to be treated in rope form and a squeezing means being disposed above the other open end of said main J-box or that of said segmented J-boxes, said squeezing means continuously guiding the fabric, emerging from the said other open end of the main J-box after treatment in the main J-box through a first of the segmented J-boxes and then through the rest of the segmented J-boxes for washing and/or other chemical treatment, as desired, of the fabric, or continuously guiding the fabric, emerging from said other open end of one of said segmented J-boxes through the rest of the segmented J-boxes and then through one of the open ends of said main J-box, the segmented J-boxes being adapted to provide continuous and counter-current flow of water and/or chemical to the fabric guided there-through.

CLASS 129J. 135547.

IMPROVEMENTS IN OR RELATING TO ROLLING MILLS.

TADEUSZ SENDZIMIR, OF 269, BROOKSIDE
ROAD, WATERBURY, CONNECTICUT 06720,
UNITED STATES OF AMERICA.

Application No. 753/1972 filed July 4, 1972.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

17 Claims.

A beam-backed mill for rolling flat articles, comprising work rolls backed by groups of axially spaced casters, each group of casters being mounted on a caster shaft and the caster shafts being in turn mounted on eccentrics, said eccentrics being disposed in saddles provided in the axial spaces between adjacent casters, said eccentrics providing for control of the roll gap; lever means attached to each eccentric and extending beyond the periphery of said casters, screwdown actuating devices, and means individually connecting said lever means and said actuating devices.

CLASS 208. 135548

IMPROVEMENT IN OR RELATING TO WRITING IMPLEMENT.

BIING YAN GUU, OF 108 MIN CHUAN WEST
ROAD, TAIPEI, TAIWAN, REPUBLIC OF
CHINA AND HSIN-CHING LIU, OF 166 SEC.
2, CHUNG KING NORTH ROAD, TAIPEI,
TAIWAN, REPUBLIC OF CHINA.

Application No. 544/1972 filed June 14, 1972.

Appropriate office for opposition proceedings
(Rule 4, Patents Rules 1972) Patent Office, Calcutta.

8 Claims.

A writing implement comprising a tubular casing, ball pen writing means detachably engaged into one end of said casing, lead cartridge writing means detachably engaged into the other end of said casing, said ball pen having a tube insertable in said casing, support means formed on said tube, a plurality of lead cartridges held by said supporting means, and caps provided at both said ends.

OPPOSITION PROCEEDINGS

The opposition entered by Belpahar Refractories Limited to the grant of a patent on application No. 122756 made by Orissa Cement Limited as notified in part III Section 2 of the Gazette of India dated the 1st May 1971 has been partly allowed. A patent will be sealed subject to amendment of the specification.

PATENTS SEALED

124304. 124305. 126112. 126191. 126193. 126301.
126710. 127997. 128088. 128185. 128817. 129017.
129042. 129140. 129242. 129300. 129400. 129423.
129424. 129432. 129474. 129512. 129515. 129556.
129566. 129626. 129769. 130110. 130646. 130802.
131394.

AMENDMENT PROCEEDINGS UNDER SECTION 57.

(1)

Notice is hereby given that Nippon Kokan Kabushiki Kaisha, of No. 2, 1-chome, Ootemachi Chiyoda-ku, Tokyo, Japan, a Japanese Company have made an application under Section 57 of the Patents Act, 1970 for amendment of the drawings of their application for Patent No. 130380 for "A method of obtaining hot pig-iron". The amendments are by way of correction of Figure 2 of the drawings. The application for amendment and the proposed amendments can be inspected free of charge on any working day during usual office hours at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

The amendments proposed by Stamicarbon N. V., in respect of Patent Application No. 127484 as advertised in Part III, Section 2 of the Gazette of India dated the 25th August 1973 have been allowed.

(3)

The amendments proposed by Fierro Esponja S.A., in respect of Patent Application No. 131995, as advertised in Part III, Section 2 of the Gazette of India dated the 18th August 1973 have been allowed.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC., (PATENTS).

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

97020—The B.F. Goodrich Company.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention.
116511. (26-6-68)	Process for epoxidation of allyl alcohol by peracetic acid.
116517 (26-6-68)	Process for manufacturing catalysts particularly for hydrocracking a hydrocarbon, a catalyst so produced and process of hydrocracking with such catalysts.

No.	Title of the invention
116523 (27-6-68)	Composition for use in controlling plant transpiration.
116530 (27-6-68)	Continuous dilute solution polymerisation of butadiene by lithium catalyst.
116545 (30-6-67)	A continuous process of making stabilized dispersions of polymer.
116552 (28-6-68)	Process for the production of urea.
1165 25-1-67)	Improvements in or relating to the separation of rare earth values from a mixture.
116567 (1-7-68)	A process for the preparation of phenyl ethyl alcohol.
116569 (1-7-68)	Hydrothermal method of producing defluorinated phosphates and products so produced.
116581 (1-7-68)	Process for the production of monoazo dyes.
116589 (1-7-68)	Method and device for liquefying gases.
116590 (2-7-68)	A process for the production of a water-soluble N:P fertiliser.
116595 (2-7-68)	Process for the preparation of phosphoric esters and compositions containing them.
116598 (3-7-67)	Mixing of fluids.
116602 (2-7-68)	2-substituted pyrazoloisindolones, process for their preparation and compositions containing same.
116603 (2-7-68)	Water-insoluble monoazo dyestuffs and process for their manufacture.
116611 (2-7-68)	An insulating varnish and a method of preparing the same.
116621 (3-7-68)	Improvements in or relating to stabilized organic peroxide compositions and methods of making such compositions.
116622 (3-7-68)	A method for the manufacture of hydrochloric acid by regulating voltage and eliminating short-circuits in cells for the electrolysis of alkali metal chlorides.
116630 (3-7-68)	Process for separation of natural gas into individual components such as methane, ethane, propane and butane and for production of stable gasoline.
116636 (3-7-68)	Freeze-thaw resistant polyvinyl ester dispersions and process for making them.
116650 (10-7-67)	Herbicidal compositions and process for preparing the same.

No.	Title of the Invention
116662 (4-7-68)	Process for preparing citric acid by fermentation.
116669 (5-7-68)	Method of resolving de-trans-chrysanthemic acid and the compounds so formed.
116674 (5-7-68)	Process for preparing extreme pressure additives for lubricating compositions, extreme pressure additives so prepared and lubricating compositions containing said additives.
116675 (6-7-68)	A process for the preparation of polymers.
116710 (8-7-68)	Improved method of distilling sea water and distillation apparatus therefor.
116719 (9-7-68)	Improvements in or relating to the production of carbon black.
116722 (9-7-68)	Improvements in or relating to a process for the steam reforming of hydrocarbons.
116728 (10-7-68)	Process and apparatus for crystallization.
116751 (18-7-67)	Process of preparing a solid herbicidal composition and a solid complex of a herbicidal bipyridylum ion with an ion of a transition metal.
116766 (12-7-68)	Mass coloured polymeric compositions and process for preparing the same.
116790 (15-7-68)	Improved process for the catalytic removal of hydrogen from chlorine.
116794 (16-7-68)	Stable oil-dithiocarbamate dispersions, methods for their preparation, and methods for their use in increasing banana yield.
116801 (16-7-68)	Pesticidal preparations.
116820 (17-7-68)	Process for hydrogenating hydrocarbons.
116821 (17-7-68)	Hydrodesulfurization process and catalyst.
116825 (17-7-67)	Attritor agitator and process of grinding and dispersing solids contained in a liquid by the same.
116828 (31-3-67)	Production of pyrimidine derivatives and fungicidal compositions containing the same.
116830 (17-7-68)	Production of polymers.
116835 (17-7-68)	Process for producing ethylene dichloride.
116845 (20-7-67)	A process for preparing antibacterial detergent composition.
116853 (18-7-68)	Process for the production of adipic acid.

1	2
116864 (18-7-68)	New N, N'-diglycidyl compounds, process for their manufacture and curable mixtures containing the same.
116870 (19-7-68)	New dyestuffs of the triphenylrosaniline series and process for their preparation.
116875 (19-7-68)	A process for the preparation of dyestuffs.
116876 (19-7-68)	Phosphorus-containing reaction products, processes for their production and flame-proofing composition containing the same.
116898 (22-7-68)	Process of purifying melamine.
116907 (22-7-68)	Substituted phenyl azodyestuffs process for their preparation and articles dyed therewith.
116908 (22-7-68)	Process for the production of anthraquinone derivatives chlorinated in α -positions.

RENEWAL FEES PAID

66069.	66394.	66561.	66615.	66776.	66792.	66948.
67014.	69028.	69680.	70456.	70502.	71127.	72520.
72625.	73321.	74068.	74400.	74416.	74485.	74491.
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80147.	80365.	80506.	80728.	80740.	81397.	83255.
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91273.	91385.	91389.	91418.	91705.	91706.	91707.
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118968.	118976.	119006.	119018.	119022.	119023.	
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119259.	119418.	119419.	119435.	119483.	119513.	
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126253.	127841.	127878.	128069.	128248.	128284.
128402.	129082.	129137.	129458.	129478.	129494.
129521.	129532.	129553.	129598.	129611.	129612.
129620.	129629.	129631.	129639.	129687.	129754.
129779.	129823.	129887.	129932.	129984.	130051.
130129.	130217.	130292.	130309.	130617.	130631.
130808.	130813.	131081.	131123.	131190.	131232.
131285.	131313.	131315.	131384.	131537.	131992.
132234.	132873.	133007.	133419.	134558.	

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Rule 60 of the Patents Act, 1970 for the restoration of Patent No. 102574 granted to The Colonial Sugar Refining Company Limited for an invention relating to "Water soluble phosphate compositions and process for preparing." The patent ceased on the 25th November 1972 due to non-payment of renewal fees within the prescribed time and the cessations of the patent was notified in the Gazette of India. Part III, Section 2, dated the 2nd June 1973.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 22nd February, 1974 under Rule 60 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application for restoration of Patent No. 116714 dated the 9th

July, 1968 made by Kanobe Ltd., on the 9th July 1973 and notified in the Gazette of India, Part III, section 2 dated the 18th August 1973 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS.

Design Nos. 134680, Class—3.

COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS.

Design Nos. 117420, 120308 and 116579 Class-1.

Design Nos. 118360 Class-4.

Design Nos. 117274 to 117277 Class-8.

CANCELLATION OF THE REGISTRATION OF DESIGNS

(Section 51A)

An application has been made by M/s. Arim Ice Cream Industries (Coolfi Ice Cream) for cancellation of the registration of Design No. 140264 in Class 3 in the name of Dulichand Kheria & others trading as Farinni Ice Cream.

S. VEDARAMAN,
Controller General of Patents, Designs and
Trade Marks.